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IAP51
PATENT & TRADEMARK OFFICE

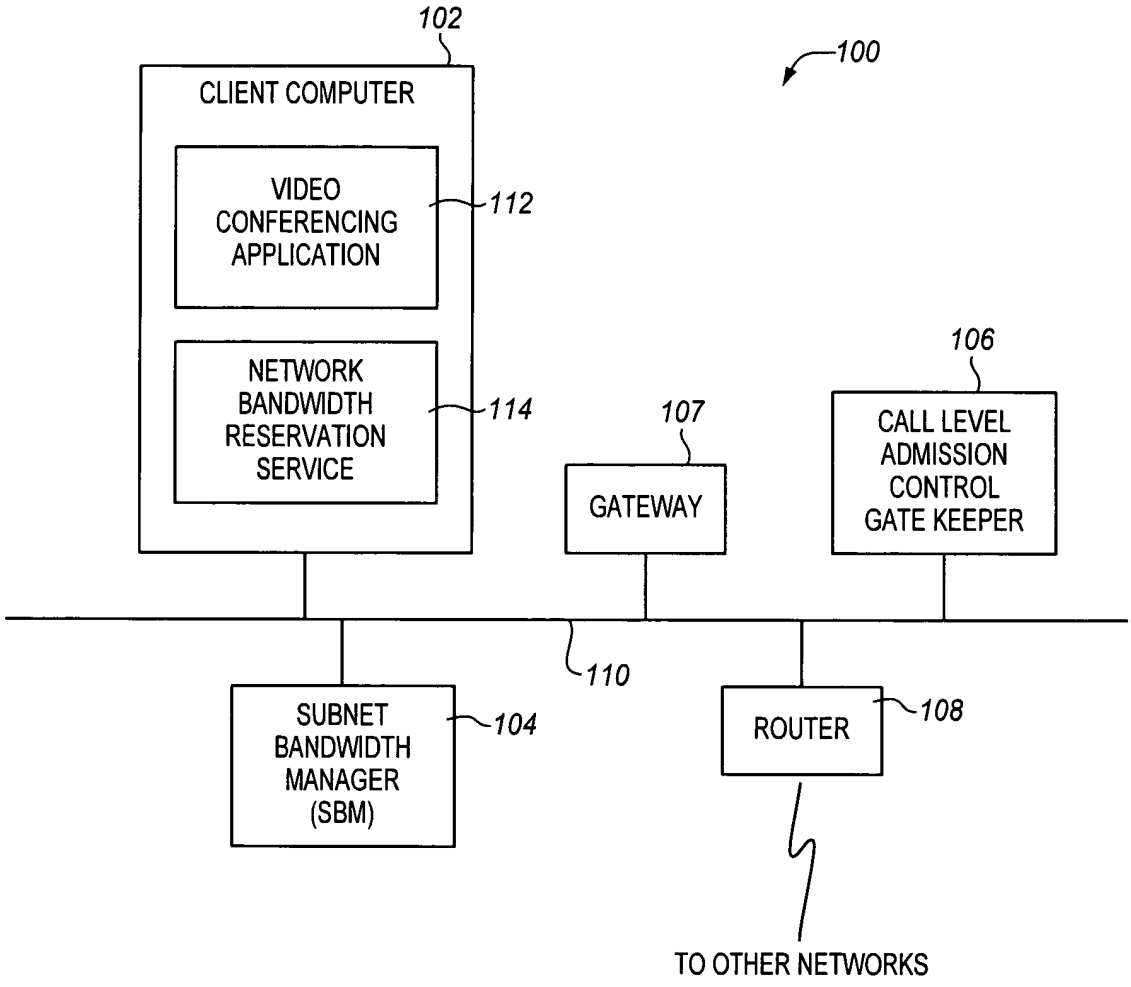

FIG. 1

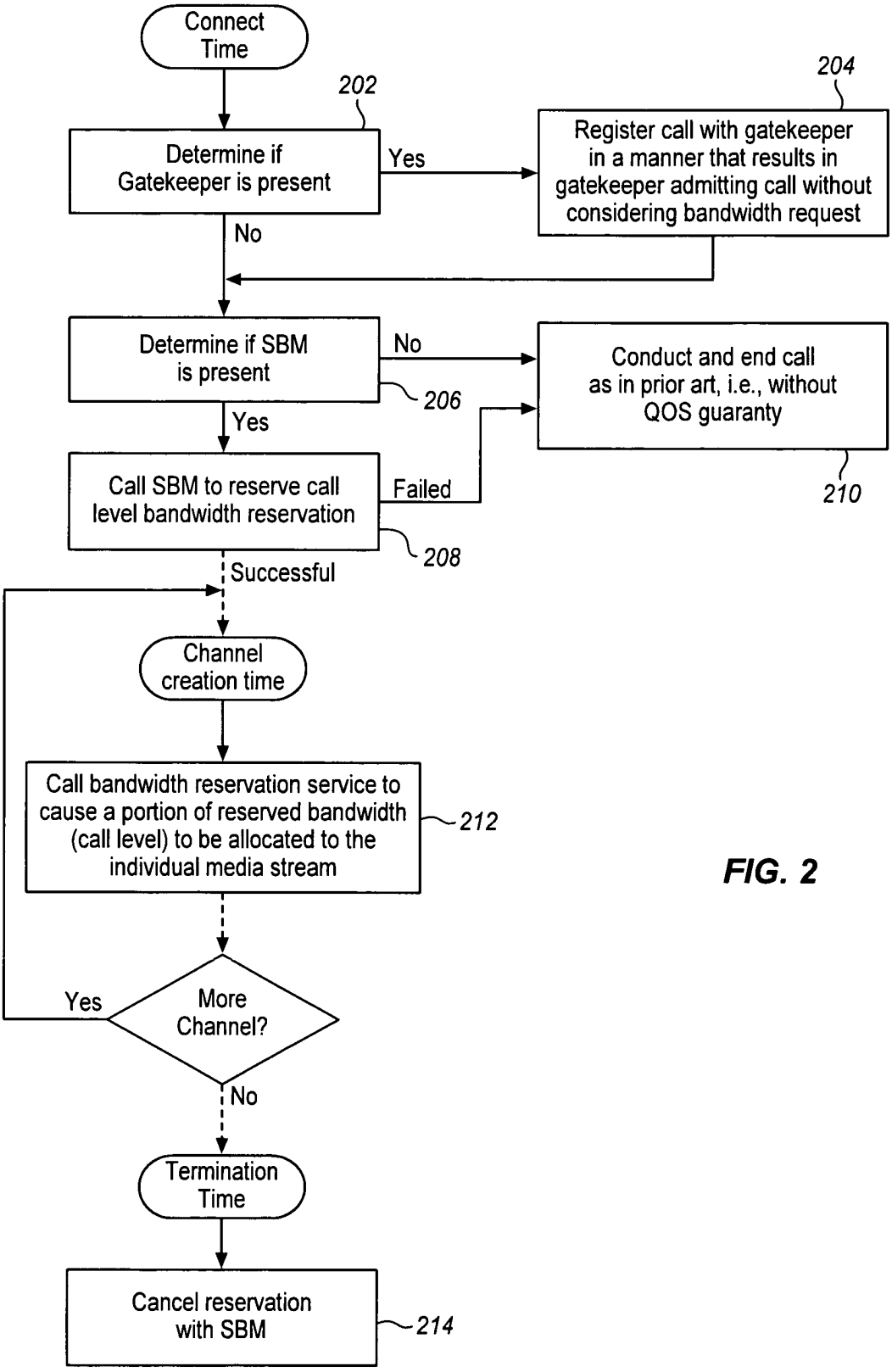
Connect Time
202
Determine if Gatekeeper is present
Yes
204
Register call with gatekeeper in a manner that results in gatekeeper admitting call without considering bandwidth request
No
Determine if SBM is present
No
206
Conduct and end call as in prior art, i.e., without QOS guaranty
210
Yes
Call SBM to reserve call level bandwidth reservation
Failed
208
Successful
Channel creation time
Call bandwidth reservation service to cause a portion of reserved bandwidth (call level) to be allocated to the individual media stream
212
Yes
More Channel?
No
Termination Time
Cancel reservation with SBM
214

FIG. 2

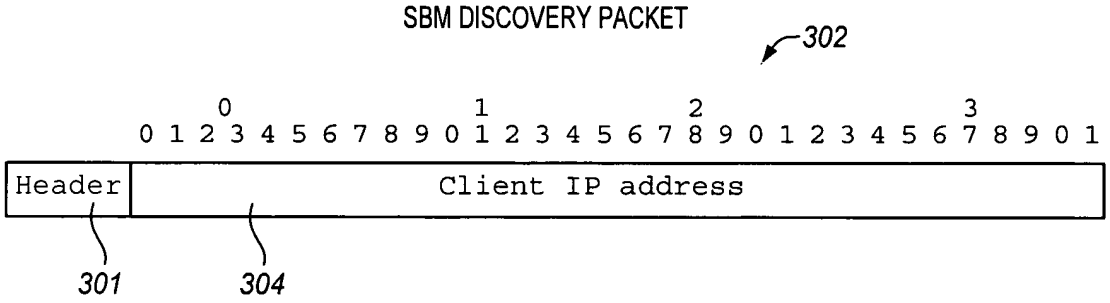

FIG. 3a

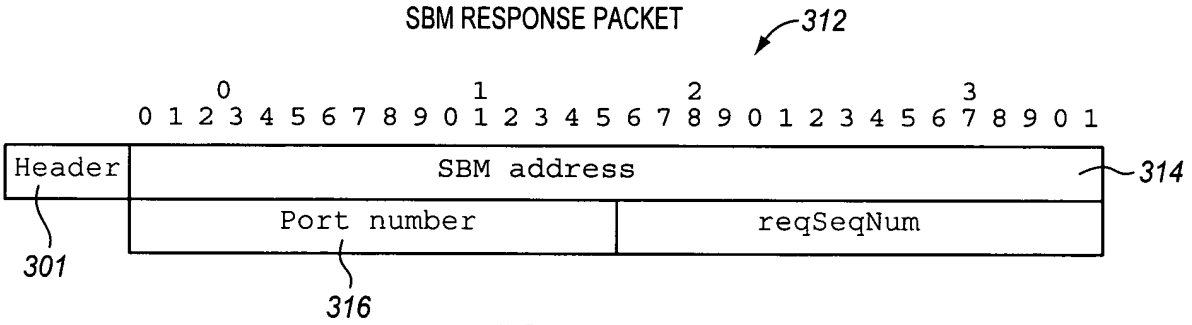

FIG. 3b

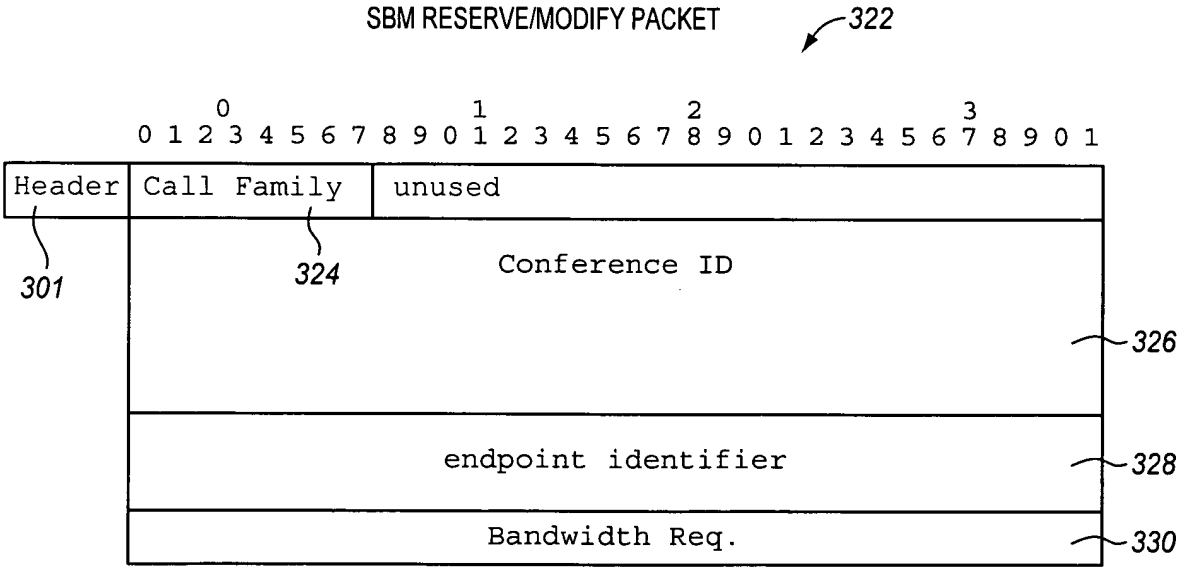

FIG. 3c

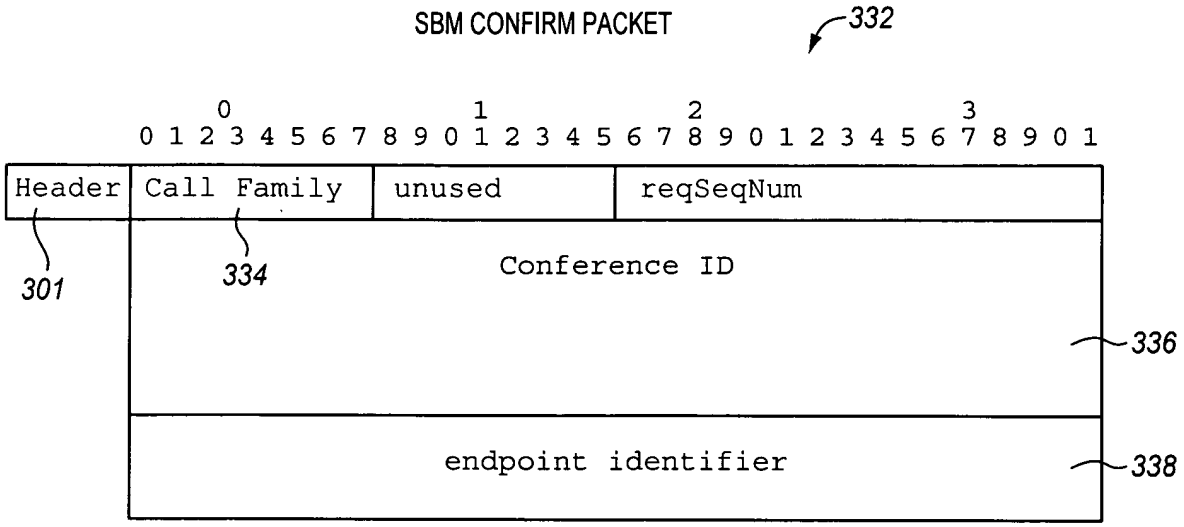
SBM CONFIRM PACKET
332
0 1 2 3
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1
Header
Call Family
unused
reqSeqNum
301
334
Conference ID
336
endpoint identifier
338

FIG. 3d

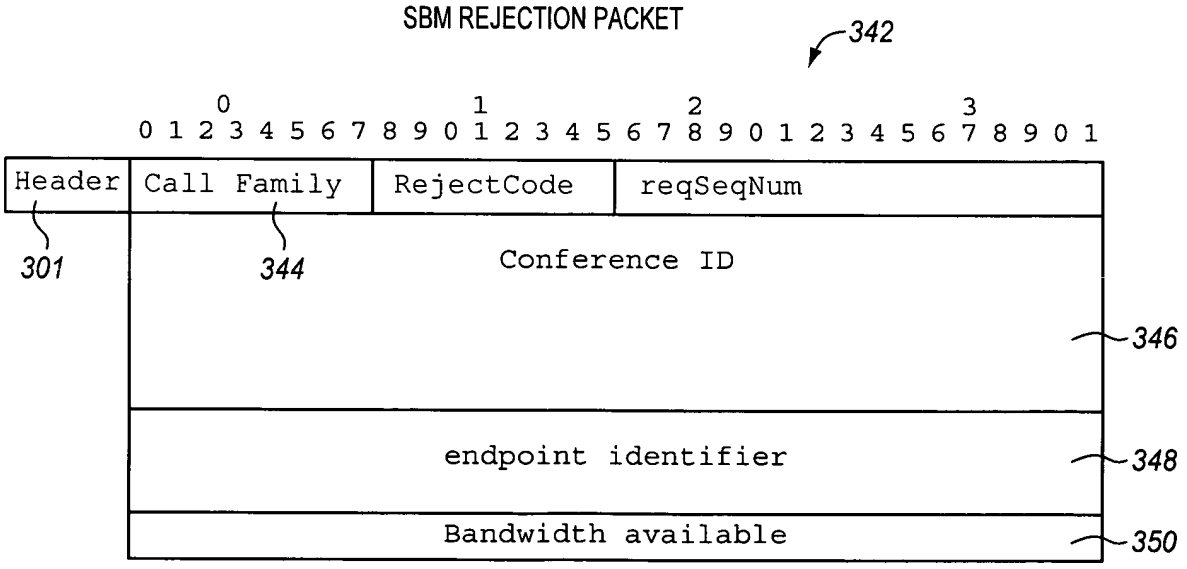
SBM REJECTION PACKET
342
0 1 2 3
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1
Header
Call Family
RejectCode
reqSeqNum
301
344
Conference ID
346
endpoint identifier
348
Bandwidth available
350

FIG. 3e

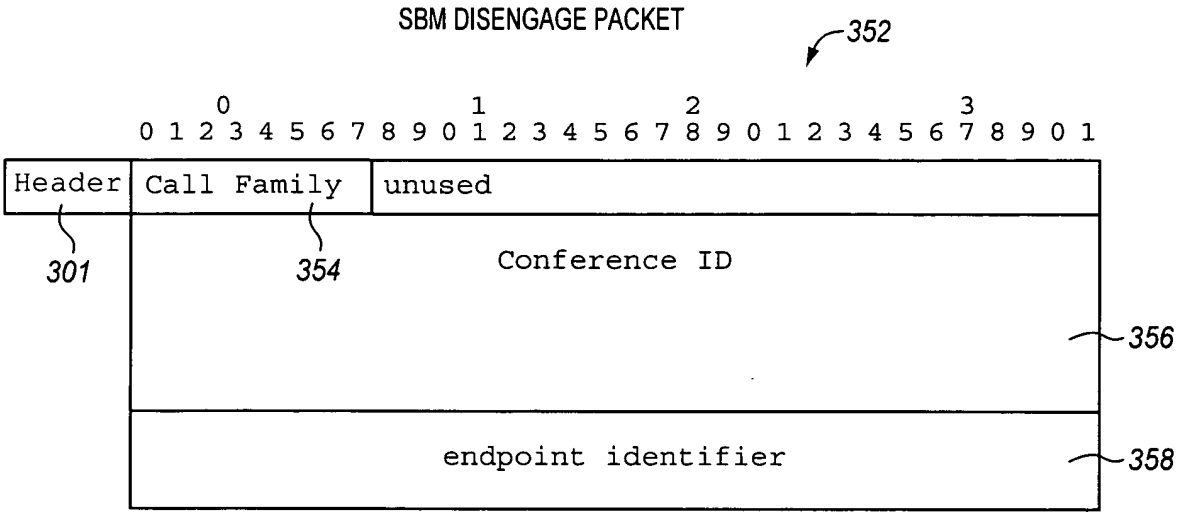
SBM DISENGAGE PACKET
352
0 1 2 3
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1
Header
Call Family
unused
301
354
Conference ID
356
endpoint identifier
358

FIG. 3f

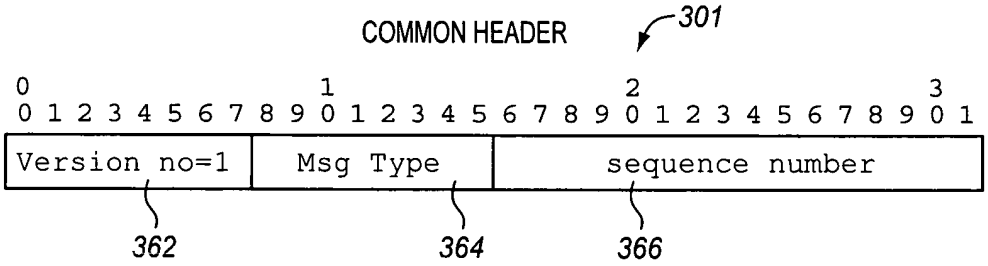
COMMON HEADER
301
0 1 2 3
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1
Version no=1
Msg Type
sequence number
362
364
366

FIG. 3g